

-- Table 1. Primers and Probes for Detection of *B. anthracis*

Gene Target	Gene Bank Accession #	Position (Product Size, bp)	Primer/ Probe Name	Sequence (Base Pair Numbering)
Encapsulation Protein B ( <i>capB</i> ) (Plasmid pX02)	M24150	371 - 628 (258)	<i>capB</i> -F	5' CCCAATTCGAGTAAACATA 3' (Forward Primer) (371 - 389) (SEQ ID NO:1)
			<i>capB</i> -R	5' ACTGCCATACATTCACAA 3' (Reverse Primer) (611 - 628) (SEQ ID NO:2)
			<i>capB</i> -FL	5' CGATTAAGCGCCGTAAAGAAGGTCCTAATATC - FITC 3' (523 - 554) (SEQ ID NO:3)
			<i>capB</i> -RD	5' Red640 - GTGAGCAACGCAGGGTAGTTAAAGAGGCTG - Phosphate 3' (556 - 585) (SEQ ID NO:4)
Protective Antigen ( <i>pagA</i> ) (Plasmid pX01)	M22589	2607 - 2935 (329)	<i>pagA</i> -F	5' TACAGGACGGATTGATAAG 3' (Forward Primer) (2607 - 2625) (SEQ ID NO:5)
			<i>pagA</i> -R	5' TTTCAGCCCAAGTCTTT 3' (Reverse Primer) (2928 - 2935) (SEQ ID NO:6)
			<i>pagA</i> -FL	5' AGTACATGGAAATGCAGAAGTG - FITC 3' (2796 - 2817) (SEQ ID NO:7)
			<i>pagA</i> -RD	5' Red640 - ATGCGTCGTTCTTTGATATTGGT - Phosphate 3' (2819 - 2841) (SEQ ID NO:8)
Lethal Factor ( <i>lef</i> ) (Plasmid pX01)	M30210	2673 - 3011 (339)	<i>lef</i> -F	5' TTTTACCGATATTACTCTCC 3' (Forward Primer) (2673 - 2692) (SEQ ID NO:9)
			<i>lef</i> -R	5' AACCTAAAGGCTTCTGC 3' (Reverse Primer) (2995 - 3011) (SEQ ID NO:10)
			<i>lef</i> -FL	5' ATTAAGGAATGATAGTGAGGGT - FITC 3' (2811 - 2832) (SEQ ID NO:11)
			<i>lef</i> -RD	5' Red640 - TATACACGAATTGACATGCT - Phosphate 3' (2835 - 2856) (SEQ ID NO:12)

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